



Due Date: April 6, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wensheng Zhou et al.

Examiner: (to be assigned)

Serial No.: 10/635,347

Group Art Unit: 2131

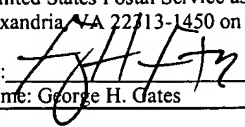
Filed: August 6, 2003

Docket: PD-02-1293

Title: DISCRETE FOURIER TRANSFORM (DFT) WATERMARK

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on **March 23, 2004**.

By:   
Name: George H. Gates

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited References (16).
- ☒ Return postcard.


Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, CA 90045  
(310) 641-8797

By:   
Name: George H. Gates  
Reg. No.: 33,500  
GHG/mrj

(PTO TRANSMITTAL - GENERAL)



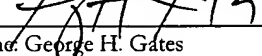
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INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, **no fee is due** for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

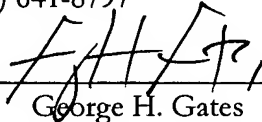
GATES & COOPER LLP  
Attorneys for Applicant(s)

Howard Hughes Center  
6701 Center Drive West, Suite 1050  
Los Angeles, California 90045  
(310) 641-8797

Date: March 23, 2004

GHG/mrj  
Enclosures: Form PTO-1449  
References (16)

By: \_\_\_\_\_

  
George H. Gates  
Reg. No.: 33,500

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|---|--------------------------|--------------------------------|
| Form 1449*  | Docket Number: PD-021293 | Application Number: 10/635,347 |
| INFORMATION DISCLOSURE STATEMENT<br>IN AN APPLICATION |                          |                                |
| Applicant: Wensheng Zhou et al.                       |                          | Filing Date: August 6, 2003    |
|   |                          | Group Art Unit: 2131           |

MAR 26 2004

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--------------|------|------|-------|----------|-------------------------------|
|                     |              |      |      |       |          |                               |
|                     |              |      |      |       |          |                               |
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FOREIGN PATENTS

|  | DOCUMENT NO.      | DATE        | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|-------------------|-------------|---------|-------|----------|-------------|----|
|  |                   |             |         |       |          | YES         | NO |
|  | EP 0 746 126 A2 ✓ | Dec.4, 1996 | EP      |       |          |             |    |
|  | EP 0 798 892 A2 ✓ | Oct.1, 1997 | EP      |       |          |             |    |
|  | EP 0 982 927 A1 ✓ | Mar.1, 2000 | EP      |       |          |             |    |
|  |                   |             |         |       |          |             |    |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|       |   |
|-------|---|
| (A) ✓ | Augot, D., et al., "Secure Delivery of Images Over Open Networks", Special issue on identification and protection of multimedia information, <i>Proceedings of the IEEE</i> , July 1999, 87(7): 1251-1266.  |
| (B) ✓ | Cox, Ingemar J., et al., "Secure Spread Spectrum Watermarking for Multimedia", <i>IEEE Transactions On Image Processing</i> , Vol. 6, No. 12, December 1997, pages 1673-1687.   |
| (C) ✓ | Koch, Eckhard, et al., "Copyright Protection for Multimedia Data", Fraunhofer Institute for Computer Graphics, Darmstadt, Germany, December 16, 1994, pages 1-15.   |
| (D)   | Haitsma, J., et al., "A Watermarking Scheme For Digital Cinema", <i>Proceedings of the International Conference On Image Processing</i> , 'Online! 7-10 October 2001, pp. 487-489, XP002249974 Thessaloniki.  |
| (E)   | Swanson, Mitchell D., et al., "Multiresolution Scene-Based Video Watermarking Using Perceptual Models", <i>IEEE Journal On Selected Areas In Communications</i> , Vol. 16, No. 4, May 1998, pages 540-550.  |
| (F)   | Zhou, Wensheng, et al., "On-line Scene Change Detection of Multicast Video", <i>IEEE Journal of Visual Communication and Image Representation</i> , Vol. 12, March 2001, pages 1-16.  |
| (G)   | Shapiro, Jerome M., "Embedded Image Coding Using Zerotrees of Wavelet Coefficients", <i>IEEE Transactions on Signal Processing</i> , Vol. 41, No. 12, December 1993, pages 3445-3462.   |
| (H)   | Stromberg, Michael, "Secure Content Protection: An Overview of the Proposed Security Mechanisms In Digital Cinema", KTH Advanced Media Technology Lab, 'Online! 20 September 2001, XP002249975 Stockholm, retrieved from the Internet: URL: <a href="http://www.amt.kth.es">www.amt.kth.es</a> on 01 August 2003, 17 pages. |
| (I)   | Said, Amir, et al., "A New, Fast, and Efficient Image Codec Based On Set Partitioning In Hierarchical Trees", <i>IEEE Transactions On Circuits and Systems For Video Technology</i> , Vol. 6, No. 3, June 1996, pages 243-250.  |
| (J)   | Wolfgang, Raymond B., et al., "Perceptual Watermarks for Digital Images and Video", <i>Proceedings of the IEEE</i> , Vol. 87, No. 7, July 1999, pages 1108-1126.  |
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|---|------------------|
| EXAMINER:   | DATE CONSIDERED: |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. |                  |


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